504) (handwritten)

PCT10

#6 (handwritten)

RAW SEQUENCE LISTING   DATE: 02/07/2002
PATENT APPLICATION: US/10/030,787   TIME: 14:37:55

Input Set : A:\Nex87pct.app
Output Set: N:\CRF3\02072002\J030787.raw   **ENTERED**

```
     3 <110> APPLICANT: NeXstar Pharmaceuticals, Inc.
     5 <120> TITLE OF INVENTION: High Affinity TGFBeta Nucleic Acid Ligands and
     6         Inhibitors
     8 <130> FILE REFERENCE: NEX87/PCT
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/030,787
C--> 11 <141> CURRENT FILING DATE: 2002-01-11
    13 <150> PRIOR APPLICATION NUMBER: 09/046,247
    14 <151> PRIOR FILING DATE: 1998-03-23
    16 <150> PRIOR APPLICATION NUMBER: 08/458,424
    17 <151> PRIOR FILING DATE: 1995-06-02
    19 <150> PRIOR APPLICATION NUMBER: 07/714,131
    20 <151> PRIOR FILING DATE: 1991-06-10
    22 <150> PRIOR APPLICATION NUMBER: 07/931,473
    23 <151> PRIOR FILING DATE: 1992-08-17
    25 <150> PRIOR APPLICATION NUMBER: 07/964,624
    26 <151> PRIOR FILING DATE: 1992-10-21
    28 <150> PRIOR APPLICATION NUMBER: 08/117,991
    29 <151> PRIOR FILING DATE: 1993-09-08
    31 <150> PRIOR APPLICATION NUMBER: 07/536,428
    32 <151> PRIOR FILING DATE: 1990-06-11
    34 <150> PRIOR APPLICATION NUMBER: 09/363,939
    35 <151> PRIOR FILING DATE: 1999-07-29
    37 <150> PRIOR APPLICATION NUMBER: 08/434,465
    38 <151> PRIOR FILING DATE: 1995-05-04
    40 <160> NUMBER OF SEQ ID NOS: 216
    42 <170> SOFTWARE: PatentIn Ver. 2.0
    44 <210> SEQ ID NO: 1
    45 <211> LENGTH: 71
    46 <212> TYPE: DNA
    47 <213> ORGANISM: Artificial Sequence
    49 <220> FEATURE:
    50 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
    51         Sequence
    53 <220> FEATURE:
    54 <221> NAME/KEY: modified_base
    55 <222> LOCATION: (1)..(71)
    56 <223> OTHER INFORMATION: Feature N at positions 17-56 is A, C, G or T.
    58 <400> SEQUENCE: 1
    59 tcgggcgagt cgtctgnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnccgc 60
    60 atcgtcctcc c                                                   71
    62 <210> SEQ ID NO: 2
    63 <211> LENGTH: 32
    64 <212> TYPE: DNA
```

RAW SEQUENCE LISTING   DATE: 02/07/2002
PATENT APPLICATION: US/10/030,787   TIME: 14:37:55

Input Set : A:\Nex87pct.app
Output Set: N:\CRF3\02072002\J030787.raw

```
 65 <213> ORGANISM: Artificial Sequence
 67 <220> FEATURE:
 68 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 69       Sequence
 71 <400> SEQUENCE: 2
 72 taatacgact cactataggg aggacgatgc gg                            32
 74 <210> SEQ ID NO: 3
 75 <211> LENGTH: 16
 76 <212> TYPE: DNA
 77 <213> ORGANISM: Artificial Sequence
 79 <220> FEATURE:
 80 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 81       Sequence
 83 <400> SEQUENCE: 3
 84 tcgggcgagt cgtctg                                              16
 86 <210> SEQ ID NO: 4
 87 <211> LENGTH: 88
 88 <212> TYPE: DNA
 89 <213> ORGANISM: Artificial Sequence
 91 <220> FEATURE:
 92 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 93       Sequence
 95 <220> FEATURE:
 96 <221> NAME/KEY: modified_base
 97 <222> LOCATION: (1)..(88)
 98 <223> OTHER INFORMATION: Feature N at positions 33-72 is A, C, G or T.
100 <400> SEQUENCE: 4
101 taatacgact cactataggg aggacgatgc ggnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
102 nnnnnnnnnn nncagacgac tcgcccga                                 88
104 <210> SEQ ID NO: 5
105 <211> LENGTH: 88
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
111       Sequence
113 <220> FEATURE:
114 <221> NAME/KEY: modified_base
115 <222> LOCATION: (1)..(88)
116 <223> OTHER INFORMATION: Feature N at positions 33-72 is A, C, G or T.
118 <400> SEQUENCE: 5
119 attatgctga gtgatatccc tcctgctacg ccnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
120 nnnnnnnnnn nngtctgctg agcgggct                                 88
122 <210> SEQ ID NO: 6
123 <211> LENGTH: 71
124 <212> TYPE: RNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
```

RAW SEQUENCE LISTING   DATE: 02/07/2002
PATENT APPLICATION: US/10/030,787   TIME: 14:37:55

Input Set : A:\Nex87pct.app
Output Set: N:\CRF3\02072002\J030787.raw

```
129     Sequence
131 <220> FEATURE:
132 <221> NAME/KEY: modified_base
133 <222> LOCATION: (1)..(71)
134 <223> OTHER INFORMATION: All pyrimidines are 2'F; feature N at positions
135      16-55 is A, 2'-FC, G or 2'-FU.
137 <400> SEQUENCE: 6
138 gggaggacga ugcggnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnncagac 60
139 gacucgcccg a                                                      71
141 <210> SEQ ID NO: 7
142 <211> LENGTH: 65
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
148      Sequence
150 <220> FEATURE:
151 <221> NAME/KEY: modified_base
152 <222> LOCATION: (1)..(65)
153 <223> OTHER INFORMATION: Feature N at positions 16-49 is SEQ ID NO: 115
154      and A, C, G or T.
156 <400> SEQUENCE: 7
157 gggaggacga tgcggnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnc agacgactcg 60
158 cccga                                                             65
160 <210> SEQ ID NO: 8
161 <211> LENGTH: 82
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
167      Sequence
169 <220> FEATURE:
170 <221> NAME/KEY: modified_base
171 <222> LOCATION: (1)..(82)
172 <223> OTHER INFORMATION: Feature N at positions 33-66 is SEQ ID NO: 115 and
173      A, C, G or T.
175 <400> SEQUENCE: 8
176 taatacgact cactataggg aggacgatgc ggnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
177 nnnnnncaga cgactcgccc ga                                          82
179 <210> SEQ ID NO: 9
180 <211> LENGTH: 82
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
186      Sequence
188 <220> FEATURE:
189 <221> NAME/KEY: modified_base
190 <222> LOCATION: (1)..(82)
```

RAW SEQUENCE LISTING   DATE: 02/07/2002
PATENT APPLICATION: US/10/030,787   TIME: 14:37:55

Input Set : A:\Nex87pct.app
Output Set: N:\CRF3\02072002\J030787.raw

```
191 <223> OTHER INFORMATION: Feature N at positions 33-66 is SEQ ID NO: 115 and
192       A, C, G or T.
194 <400> SEQUENCE: 9
195 attatgctga gtgatatccc tcctgctacg ccnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60
196 nnnnnngtct gctgagcggg ct                                         82
198 <210> SEQ ID NO: 10
199 <211> LENGTH: 65
200 <212> TYPE: RNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
205       Sequence
207 <220> FEATURE:
208 <221> NAME/KEY: modified_base
209 <222> LOCATION: (1)..(65)
210 <223> OTHER INFORMATION: All pyrimidines are 2'F; feature N at positions
211       16-49 is SEQ ID NO: 115 and A, 2'-FC, G or 2'-FU.
213 <400> SEQUENCE: 10
214 gggaggacga ugcggnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnc agacgacucg 60
215 cccga                                                            65
217 <210> SEQ ID NO: 11
218 <211> LENGTH: 27
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
224       Sequence
226 <400> SEQUENCE: 11
227 cgcaggatcc taatacgact cactata                                     27
229 <210> SEQ ID NO: 12
230 <211> LENGTH: 38
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
236       Sequence
238 <400> SEQUENCE: 12
239 ggcagaattc tcatctactt agtcgggcga gtcgtctg                         38
241 <210> SEQ ID NO: 13
242 <211> LENGTH: 23
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
248       Sequence
250 <400> SEQUENCE: 13
251 agcggataac aatttcacac agg                                         23
253 <210> SEQ ID NO: 14
254 <211> LENGTH: 23
```

RAW SEQUENCE LISTING   DATE: 02/07/2002
PATENT APPLICATION: US/10/030,787   TIME: 14:37:55

            Input Set : A:\Nex87pct.app
            Output Set: N:\CRF3\02072002\J030787.raw

255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
260   Sequence
262 <400> SEQUENCE: 14
263 gtgctgcaag gcgattaagt tgg   23
265 <210> SEQ ID NO: 15
266 <211> LENGTH: 19
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
272   Sequence
274 <400> SEQUENCE: 15
275 actttatgct tccggctcg   19
277 <210> SEQ ID NO: 16
278 <211> LENGTH: 19
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
284   Sequence
286 <400> SEQUENCE: 16
287 gccaaatgcc gagagaacg   19
289 <210> SEQ ID NO: 17
290 <211> LENGTH: 18
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
296   Sequence
298 <400> SEQUENCE: 17
299 ggggacaagc ggacttag   18
301 <210> SEQ ID NO: 18
302 <211> LENGTH: 18
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
308   Sequence
310 <400> SEQUENCE: 18
311 gggagtacag ctatacag   18
313 <210> SEQ ID NO: 19
314 <211> LENGTH: 15
315 <212> TYPE: RNA
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

VERIFICATION SUMMARY   DATE: 02/07/2002
PATENT APPLICATION: US/10/030,787   TIME: 14:37:56

Input Set : A:\Nex87pct.app
Output Set: N:\CRF3\02072002\J030787.raw

```
L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
```